

44
DART AEROSPACE LTD

Work Order:

19647

Description: Ø2.250 Support

Part Number:

D2891-1

Dwg: D2891 Rev. A1

Qty:

30

Page 1 of 1

Step	Location	Procedure	By	Date	Qty
1	DC	Issue Traveller . Blank size makes (2) D2891-1 Dwg not required	RF	13.12.19	30
2	PG	Issue P/O: <u>2025942</u> Description: D6104-003 Material: 17-4 PH SS (AMS 5643 OR AISI 630) as per Dwg D6104 Material release note required.	U	03.12.22	15
3	RG	Receive and inspect for raw material dimensions. Ensure material release note is attached.	MR	04/1/16	15
4	MS	Turn blank for Haas as per Folio FA046	MR	04/02/20	15
5	QC1	Inspect all dimensions as per Dwg D2891	MR	04/02/20	15
6	MV	Machine as per Folio FA046	MR	03/04/18	15
7	MV	Tumble & Deburr	MR	05/04/18	15
8	QC1	Inspect all dimensions to inspection sheet as per Dwg D2891	MR	05/04/18	15
9	QC8	Inspect dimensions for second check	ER	05/04/18	15
10	FP	Powder Coat White (4.3.5.2) per QSI 005 4.3	FF	05/4/20	15
11	QC3	Inspect Powder Coat	U	05/04/18	30
12	ST	Identify and stock	U	05/04/18	30
13	AC	Cost / part <u>55.72</u>	SR	05.04.29	30
14	DC	Close W/O <u>57.36</u> Inspect Level 21	RF	05.05.03	30

Rev	Date	Change	Revised By	Approved
A	00.12.19	New issue	EC	
B	01.07.17	Reformat	EC	
C	02.11.26	Added P/O	KJ / RF	RF

RELEASED
02.11.29 RF

Dart Aerospace Ltd

Work Order:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Manuf / Design Mgr	Approval QC Inspector

NCR		WORK ORDER NON-CONFORMANCE						
DATE	STEP	Description of NC section A	Corrective Action Section B		Sign & Date	Verification Section C	Approval Design Mgr	Approval QC Inspector
			Initial					
			JB					

PAR#: _____ Fault Category: _____ DQA: _____ Date: _____

NOTE: Date & initial all entries
H:\Admin-QA\ISO\forms\w\oncB.doc

QA: N/C Closed: _____ Date: _____

DART AEROSPACE LTD		Work Order:	19647
Description: Ø2.250 Support		Part Number:	D2891-1
Inspection Dwg: D2891 Rev. A1		Page 1 of 1	

Inspect dimensions highlighted on inspection sheet drawing D2891 Rev.A1/DSK076 Rev.A and record below:

Dim	Min	Max	Go/No Go Gauge	Recorded Actual Dimensions				By	Date
				1	2	3	4		
Lathe Section									
A	2.274	2.279		2.274	2.275	2.276	2.276	JNL	04/02/20
B	3.702	3.722		3.710	3.711	3.710	3.716		
C	2.564	2.584		2.574	2.574	2.574	2.575		
D	0.718	0.738	.733	.733	.732	.734	.732		
E	0.090	0.110	.101	.101	.100	.101	0.101		
F	2.464	2.484	2.474	2.474	2.474	2.474	2.475		
G	2.029	2.049	2.035	2.035	2.035	2.035	2.036		
H	2.964	2.984		2.974	2.975	2.976	2.974		
I	0.913	0.933		.914	.916	.917	.917		
J	0.022	0.042		R.032	R.032	R.032	R.032		
K	0.090	0.110		.098	.099	.099	.106		
L									
HAAS Section									
AA	0.188	0.193	DT8706					JNL	05/04/18
AB	0.240	0.260		0.247	0.250	0.250	0.250		
AC	0.115	0.150		0.128	0.129	0.129	0.129		
AD	0.040	0.060		0.051	0.048	0.047	0.051		
AE	0.010	0.020		0.016	0.016	0.016	0.016		
AF	0.240	0.260		0.250	0.250	0.250	0.250		
AG	0.290	0.310		0.300	0.302	0.305	0.304		
AH	0.115	0.150		0.141	0.142	0.142	0.143		
AI	0.454	0.474		0.464	0.462	0.465	0.460		
AJ	2.779	2.789		2.782	2.783	2.785	2.786		
AK	0.240	0.260		0.250	0.250	0.250	0.250		
AL	1.002	1.042		1.031	1.031	1.033	1.031		
AM	0.053	0.073		0.063	0.063	0.063	0.063		
AN	0.257	0.262	DT8683						
AO	1.663	1.683		1.676	1.677	1.675	1.676		
AP	0.053	0.073		0.063	0.063	0.063	0.063		
AQ	0.022	0.042		0.032	0.032	0.032	0.032		
AR									
AS									
Accept/Reject									

Measured by:	JNL
Date:	04/02/20

Audited by:	En
Date:	05/04/21

Rev.	Date	Change	Revised by	Approved
A	02.12.12	New Issue	KJ/RF	

RELEASED
03.07.21

DART AEROSPACE LTD		Work Order:	19647
Description: Ø2.250 Support		Part Number:	D2891-1
Inspection Dwg: D2891 Rev. A1		Page 1 of 1	

Inspect dimensions highlighted on inspection sheet drawing D2891 Rev.A1/DSK076 Rev.A and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
Lathe Section									
A	2.274	2.279		2.274	2.275	2.275		ml	04/02/20
B	3.702	3.722		3.716	3.712	3.711			
C	2.564	2.584		2.574	2.574	2.575			
D	0.718	0.738		.733	.734	.734			
E	0.090	0.110		.101	.100	0.100			
F	2.464	2.484		2.474	2.475	2.475			
G	2.029	2.049		2.035	2.036	2.036			
H	2.964	2.984		2.974	2.975	2.975			
I	0.913	0.933		.914	.917	.915			
J	0.022	0.042		R0.032	R.032	R.032			
K	0.090	0.110		.098	0.100	0.098			
L									
HAAS Section									
AA	0.188	0.193	DT8706	✓	✓	✓	✓	ml	05/04/20
AB	0.240	0.260		0.250	.252	.251	✓		
AC	0.115	0.150		0.129	.129	.130	✓		
AD	0.040	0.060		0.050	.050	.050	✓		
AE	0.010	0.020		0.010	.010	.010	✓		
AF	0.240	0.260		0.250	.250	.250	✓		
AG	0.290	0.310		0.302	.302	.302	✓		
AH	0.115	0.150		0.141	.142	.142	✓		
AI	0.454	0.474		0.463	.460	.463	✓		
AJ	2.779	2.789		2.783	2.783	2.783	✓		
AK	0.240	0.260		0.250	.250	.250	✓		
AL	1.002	1.042		1.031	1.034	1.034	✓		
AM	0.053	0.073		0.063	.063	.063	✓		
AN	0.257	0.262	DT8683	✓	✓	✓	✓		
AO	1.663	1.683		1.676	1.673	1.674	✓		
AP	0.053	0.073		0.063	.063	.063	✓		
AQ	0.022	0.042		0.032	.032	.032	✓		
AR									
AS									
Accept/Reject									

Measured by:	ml
Date:	04/02/20 / 05-04-20

Audited by:	En
Date:	05/04/21

Rev	Date	Change	Revised by	Approved
A	02.12.12	New Issue	KJ/RF	RF

RELEASED
03.07.21 RF

DART AEROSPACE LTD		Work Order: 19647
Description: Ø2.250 Support		Part Number: D2891-1
Inspection Dwg: D2891 Rev. A1		Page 1 of 1

Inspect dimensions highlighted on inspection sheet drawing D2891 Rev.A1/DSK076 Rev.A and record below:

Dim	Min	Max	Go/No Go Gauge	Recorded Actual Dimensions				By	Date
				1	2	3	4		
Lathe Section									
A	2.274	2.279		2.274	2.275	2.274	2.274	JML	04/02/20
B	3.702	3.722		3.710	3.710	3.711	3.710		
C	2.564	2.584		2.574	2.574	2.574	2.575		
D	0.718	0.738		.733	.734	.735	.733		
E	0.090	0.110		.101	.101	.100	.101		
F	2.464	2.484		2.474	2.474	2.475	2.474		
G	2.029	2.049		2.035	2.035	2.036	2.037		
H	2.964	2.984		2.974	2.975	2.976	2.974		
I	0.913	0.933		.914	.916	.915	.916		
J	0.022	0.042		R0.032	R0.032	R.032	R.032		
K	0.090	0.110		.098	.099	.099	0.106		
L									
HAAS Section									
AA	0.188	0.193	DT8706	—	—	—	—	J.L	05/04/20
AB	0.240	0.260		.250	.252	.254	.250		
AC	0.115	0.150		.128	.130	.129	.128		
AD	0.040	0.060		.050	.051	.053	.051		
AE	0.010	0.020		.010	.010	.010	.010		
AF	0.240	0.260		.250	.250	.250	.250		
AG	0.290	0.310		.300	.301	.300	.300		
AH	0.115	0.150		.142	.141	.142	.143		
AI	0.454	0.474		.463	.464	.462	.464		
AJ	2.779	2.789		2.782	2.784	2.782	2.782		
AK	0.240	0.260		.250	.250	.250	.250		
AL	1.002	1.042		1.032	1.034	1.033	1.028		
AM	0.053	0.073		.063	.063	.063	.063		
AN	0.257	0.262	DT8683	—	—	—	—		
AO	1.663	1.683		1.675	1.674	1.676	1.675		
AP	0.053	0.073		.063	.063	.063	.063		
AQ	0.022	0.042		.032	.032	.032	.032		
AR									
AS									
Accept/Reject									

Measured by:	JML / JL
Date:	04/02/20 05-04-20

Audited by:	EP
Date:	05/04/21

Rev	Date	Change	Revised by	Approved
A	02.12.12	New Issue	KJ/RF	JL

RELEASED
03.07.01

DART AEROSPACE LTD		Work Order:	19647
Description: Ø2.250 Support		Part Number:	D2891-1
Inspection Dwg: D2891 Rev. A1		Page 1 of 1	

Inspect dimensions highlighted on inspection sheet drawing D2891 Rev.A1/DSK076 Rev.A and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
Lathe Section									
A	2.274	2.279		2.274	2.274	2.274	2.275	me	04/02/20
B	3.702	3.722		3.710	3.711	3.712	3.713		
C	2.564	2.584		2.574	2.575	2.575	2.574		
D	0.718	0.738		.733	.735	.732	.733		
E	0.090	0.110		.090	.101	.100	.101		
F	2.464	2.484		2.474	2.475	2.476	2.474		
G	2.029	2.049		2.035	2.034	2.035	2.037		
H	2.964	2.984		2.974	2.975	2.976	2.974		
I	0.913	0.933		.914	.914	.916	.915		
J	0.022	0.042		R.032	R.032	R.032	R.032		
K	0.090	0.110		.098	.098	.099	.099		
L									
HAAS Section									
AA	0.188	0.193	DT8706					me	05/04/21
AB	0.240	0.260		.252	.251	.253	0.254		
AC	0.115	0.150		.128	.130	.128	0.128		
AD	0.040	0.060		.053	.053	.049	0.052		
AE	0.010	0.020		.010	.010	.016	0.010		
AF	0.240	0.260		.250	.250	.250	0.250		
AG	0.290	0.310		.302	.300	.306	0.300		
AH	0.115	0.150		.140	.138	.146	0.143		
AI	0.454	0.474		.463	.463	.463	0.457		
AJ	2.779	2.789		2.782	2.783	2.783	2.784		
AK	0.240	0.260		.250	.250	.256	0.250		
AL	1.002	1.042		1.034	1.032	1.028	1.030		
AM	0.053	0.073		.063	.063	.063	0.063		
AN	0.257	0.262	DT8683						
AO	1.663	1.683		1.663	1.674	1.675	1.677		
AP	0.053	0.073		.063	.063	.063	0.063		
AQ	0.022	0.042		.032	.032	.032	0.032		
AR									
AS									
Accept/Reject									

Measured by:	me / J.L.
Date:	04/02/20 / 05/04/20

Audited by:	E
Date:	05/04/21

Rev	Date	Change	Revised by	Approved
A	02.12.12	New Issue	KJ/RF	#

RELEASED
03.07.21

Job Costing Report

Dart Aerospace Ltd.
Hawkesbury

Dec 19, 2003
08:01 am

Work Order No : 0019647
Project Name : D2891-1
Project For : WK344
Work Order Type : Main
Main WO Number :
House Part Number : D2891-1
Description : Support 2.25 dia
Manufactured : Yes
Amount Req'd : 30
Amount Done : 0
Start Date : 09-11-03
Est Finish Date : 10-07-03
Act Finish Date :
Drawings Req'd : No
Ok for Approval :
Approval Rec'd :

Department Code:
Burden Flags : NNNNNNNN
WO Status : Open
Invoice State : Not Invoiced
Invoice Date :
Invoice Number :
Invoice Amount : 0.00
Order Entry No :
OE Value : 0.00
Est Margin : 0.000%
Actual Margin : 0.000%
\$0 Posted to Finished Goods

	Estimated	Actual	Var. %	Posted	To Post
Material Cost :	0.00	0.00	0.00	0.00	0.00
Engineering Hours :	0.00	0.00	0.00		
Engineering Cost :	0.00	0.00	0.00	0.00	0.00
Production Hours :	0.00	0.00	0.00		
Production Cost :	0.00	0.00	0.00	0.00	0.00
Packaging Hours :	0.00	0.00	0.00		
Packaging Cost :	0.00	0.00	0.00	0.00	0.00
OverHead Hours :	0.00	0.00	0.00		
OverHead Cost :	0.00	0.00	0.00	0.00	0.00
CNC Hours :	0.00	0.00	0.00		
CNC :	0.00	0.00	0.00	0.00	0.00
Misc. Hours :	0.00	0.00	0.00		
Misc. :	0.00	0.00	0.00	0.00	0.00
Burden :	0.00	0.00	0.00		
Total Cost :	0.00	0.00	0.00		
Margin :	0.000	0.000			
Selling Cost :	0.00	0.00			

	Estimated	Actual
Labour Hrs/Amount Done :	0.00	0.00
Profits/(Loss) :	0.00	0.00

CUSTOMER 95294		SHIP DATE 01/05/04 SHP		GROSS WEIGHT 154		QUOTE 30-106279-1		OF 1		PACKING LIST	
BILL TO: DART AEROSPACE				WORK ORDER UL9005		ORDER DATE 12/23/03 ORD		TEST RESULTS			
SHIP TO DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY ON CANADA K6A 1K7						DELIVERY DATE 01/05/04 DEL		SHIP BRANCH 30(04)		SELL BRANCH 30-TOR	
								WORK ORDER UL9005			
CUSTOMER P.O. NUMBER 2005942						TERRITORY 01		ENTRY ID 30JLL		6905 KENDERRY GATE, MISSISSAUGA ONTARIO, CANADA L5T 2Y8	
BUYER LINDA LACELLE BUYER TELEPHONE (613) 632-3336						INSIDE SALES JAMES L. LUNN INSIDE SALES TELEPHONE (905) 696-8100		30JLL		230	
SHIP VIA						SHIPPING STATUS					
INTERNAL						COMPLETE X		PARTIAL		CANCEL	
TO CUSTOMER COMMON/TST						FOB DEST		PACKED WITH OTHER GOODS			
BILL OF LADING						FREIGHT STATUS PPD		FINISHED GOODS LOCATION			
PART DESCRIPTION										408406-7	
RD T-17-4 CF COND A STAINLESS STEEL BAR, 3-1/4 (+/-0.003) X 11-13 FTRL -DART AEROSPACE, CUT 3.8" (+.125, -0) Cust PART No: D6104-003.											
Cust Part: D6104-003											
SPECIAL INSTRUCTIONS											
"Shipping, do not place any packages or goods on top of our material."											
FULL		SCRAP		FILLED BY CW		PACKED BY		Q/A AUDIT			
CUSTOMER RECEIVING HOURS				MAX SKID WEIGHT		LOADING INSTRUCTIONS				MAXIMUM BUNDLE WEIGHT	
BOXES	1	BARS	CASES	CUSHP	PKGS	SKIDS	BDLS	TUBES	CTNS	FLAT	COILS
INSPECTION RECORD											

TEST RESULTS CERTIFICATE OF COMPLIANCE

We hereby certify that mercury or any of its compounds are not used in the processing and distribution of our products. The products we distribute are not hazardous in their received state. For MSDS sheets go to www.copperandbrass.com/msds or call 313-567-5282. We hereby certify that the material above complies with the following specifications:

ASTM-A564

AMS 5643

TAG NO QUANTITY UOM VENDOR VEND PO HEAT/LOT
139.00 LB TALLY OC44029 G8390

PCS TAG NO QUANTITY UOM VENDOR VEND PO HEAT/LOT

PCS

MARY L. TAYLOR

- General Manager: TORONTO

PRINTED 01/02/04 10:41 AM

CONTROL NO 00050

CERTIFICATE OF TESTS
CERT SERIAL# 000414336



TALLEY METALS
A Carpenter Company

Talley Metals Technology, Inc.
P.O. Box 2498
Hartsville, SC 29551 Tel 843 335 7540 Fax 843 335 6465

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE

- THE RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47
- THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.
- MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM AND ALPHA SOURCE CONTAMINATION.
- THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

10/10/03
CUSTOMER / BESTELLER / CLIENT

SELLER / VERKAUFER / VENDEUR PAGE - 1

COPPER & BRASS SALES
400 RENAISSANCE CTR
01TROT MI 48243

TALLEY METALS TECH, INC.

ACCOUNTS PAYABLE
P. O. BOX 2498
HARTSVILLE SC 29551

PN 408406

CUSTOMER ORDER NO./BESTELL-NR./N° DE COMMANDE	CARPENTER NO./WERKS-NR./N° DE REFERENCE INTERNE	DATE/DATUM/DATE	WEIGHT/GEWICHT/POIDS
C44029	TLY598701 L13755	10/10/03	1830.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE: G8390

PRODUCT DESCRIPTION: TYPE 17-4 SOLUTION ANNEALED COLD FINISH

SPECIFICATION: TALLEY 174-T1A CAP OF H900 (01/11/99)
AMS 2303 REV E (10/ /01)
AMS 2315 REV E (04/ /01)
AMS 5643 REV Q (01/ /03) (EXCEPT CD ROUND CHEM & MECH PROPS ONLY)
ASTM-A484-03A
ASTM-A564-02A
ASME-SA564 2001 EDITION

SIZE 3.250000 IN. (82.55 MM) RD BAR

PRIMARY HEAT CHEMISTRY (WT%):

C	MN	SI	P	S	CR
0.028	0.87	0.35	0.023	0.025	15.30
NI	MO	CU	N	CB	TA
4.30	0.35	3.76	0.029	0.26	0.01
CB+TA					
0.27					

THIS MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH CARPENTER SPECIALTY ALLOYS OPERATIONS QUALITY PROGRAM MANUAL REVISION 22, DATED 3/02.

DISCS MACROETCHED AND APPROVED

HARDNESS AS SHIPPED, HB - 358 (MIDRADIUS)

MAGNETIC PARTICLE: FREQUENCY = 0 / SEVERITY = 0

MICROSTRUCTURE - FERRITE 1.40%

COPPER AND BRASS SALES
SOLD TO: Copper & Brass
DATE: 12/29 QTY: 139 LB
CUSTOMER PO: 2005942
SHIPPER NO: 414024
BY: [Signature]

CONTINUED ON NEXT PAGE

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.
Die vorliegende Zertifizierung ist nur für den in diesem Formular genannten Kunden gültig. Carpenter übernimmt gegenüber Dritten keinerlei Haftung für die ausgewiesenen Daten oder Zertifizierungen.
Ce certificat est uniquement valable pour le client dont le nom est imprimé sur ce formulaire. Carpenter n'assume pas de responsabilité pour une certification vis-à-vis d'une tierce personne.

CERTIFICATE OF TESTS

ABNAHMEPRUEFZEUGNIS

CERTIFICAT DE CONTROLE

CERT SERIAL# 000414336



TALLEY METALS
A Carpenter Company

Talley Metals Technology, Inc

P.O. Box 2498

Hartsville, SC 29551 Tel. 843.335 7540 Fax 843 335 6465

10/10/03

CUSTOMER / BESTELLER / CLIENT

COPPER & BRASS SALES
400 RENAISSANCE CTR
01TROTIT , MI 48243

- THE RECORDING OF FALSE, FICTICIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FEDERAL STATUTES INCLUDING FEDERAL LAW, TITLE 18, CHAPTER 47.
- THE VALUES AND OTHER TECHNICAL DATA REPRESENT THE RESULTS OF ANALYSES AND TESTS MADE ON SAMPLES COLLECTED FROM THE TOTAL LOT. ORIGINAL DATA RECORDS CAN BE TRACED BY REFERENCE TO THE CARPENTER ORDER NUMBER.
- MATERIAL IS MANUFACTURED FREE FROM MERCURY, RADIUM AND ALPHA SOURCE CONTAMINATION.
- THIS DOCUMENT SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE WRITTEN CONSENT OF CARPENTER TECHNOLOGY CORPORATION.

SELLER / VERKÄUFER / VENDEUR PAGE - 2

TALLEY METALS TECH, INC.

ACCOUNTS PAYABLE
P. O. BOX 2498
HARTSVILLE , SC 29551

CUSTOMER ORDER NO. / BESTELL-NR. / N° DE COMMANDE	CARPENTER NO. / WERKS-NR. / N° DE REFERENCE INTERNE	DATE / DATUM / DATE	WEIGHT / GEWICHT / POIDS
C44029	TLY598701 L13755	10/10/03	1830.000

HEAT NUMBER / SCHMELZE-NR. / N° DE COULEE :
CAPABILITY

G8390

900 F(482 C), 01 HR

AIR COOL

YIELD STRENGTH, (0.20 %) KSI(MPA)	181.0(1248)
TENSILE STRENGTH, KSI(MPA)	203.0(1400)
ELONGATION IN 2.00", %	14.0
REDUCTION OF AREA, %	47.0
HARDNESS , HB	431.0 (MIDRADIUS)

SOLUTION ANNEALED - 1900 F, 1 HOUR - RAPID COOL

MATERIAL WAS MELTED AND MANUFACTURED IN THE USA.
NO WELD REPAIR

WE HEREBY CERTIFY THAT THE ABOVE TEST DATA ARE IN ACCORDANCE WITH THE PURCHASE ORDER AND SPECIFICATION REQUIREMENTS.

STEPHANIE E. MCCULLUM
QUALITY ASSURANCE ENGINEER
CARPENTER TECHNOLOGY CORPORATION

408406-7

Stephanie E. McCullum

This certification is made to the customer printed on this form. Carpenter neither makes, nor assumes responsibility for, any representation or certification to other parties.
Die vorliegende Zertifizierung ist nur für den in diesem Formular genannten Kunden gültig. Carpenter übernimmt gegenüber Dritten keinerlei Haftung für die angegebenen Daten oder Zertifizierungen.
Ce certificat est uniquement valable pour le client dont le nom est imprimé sur ce formulaire. Carpenter n'assume pas de responsabilité pour une certification vis-à-vis d'une tierce personne.

